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Computer Chess NEWS SHEET 22. April 1989

A MOVE TO WILBURTON

The first thing for Readers to note in their Diaries is my new Address, as shown at the top of this NEWS SHEET. Of course this isn't really quite a "standard" News Sheet, but I thought it best to number it '22' anyway for reference purposes. Its main purpose is to advise the NS Readership of my change of address, though there is coverage on CHESS COMPUTERS and an up-dated RATING LIST as well.

The actual address, of course, gives the game away to most folk. I came close to joining Michael Healey at Countrywide Computers when I went to Competence at the end of 1987, but promises had been made before Michael became aware of my situation and our discussions didn't really get a chance to develop properly. However I now believe that this is definitely the right move for me to make for various reasons. Some of them are personal - and please do not try reading into that comment things which aren't there! Terry Knight and I part on good, friendly terms. But I do feel that the move is good for my all-round involvement in Chess Computing... hopefully it will be good for Countrywide as well! I will have the opportunity to work with a much wider range of machines due to the full stock held at Countrywide this suits me personally of course and will also be ben-eficial for my News Sheet 'hobby'. It will also enable a closer involvement with the widening range of Mephisto products. These are particularly exciting in my view at this time, and not just at the top end but also with Teaching and Training Features built into strong programmes at lower price levels which potentially can revolutionise the opportunities for learning and improvement for all players from newcomers to regular Club members.

However the NEWS SHEET is NOT going to become an exclusive advertisement for either Mephisto or anyone else but will continue as far as possible to provide as much helpful and informative coverage of Novag, Fidelity, Conchess, Saitek/Kasparov and CXG as possible as well as keeping an eye out for Personal Computer programmes of merit and the progress of the Main Frame programmes such as Deep Thought and HiTech etc. As before, CONTRIBUTIONS FROM READERS will continue to be welcome.

RESULTS in "vs HUMAN" Tournaments

A FIDELITY EXCELLENCE came 3rd= with 3 out of 5 in the 1988 Southampton University Championship, grading 1942. WEPHISTO'S ALMERIA got an excellent 2233 from 10 games in the ROM'84 Tournament in Holland.

Spain's Computer Chess Magazine reports the following at AEGON 1988:-

NOVA6 SUPER FORTE+TURBO 2057 from 6 games FIDELITY MACH 2C 2055 from 6 games MEPHISTO MEGA 4+TURBO 2030 from 6 games.

Fidelity U.S.A reports the FIDELITY MACH 4 scoring $4^{1}/_{2}$ from 6 getting 2236 USCF in the U.S AMATEUR TEAM CHAMPS. They also report the FIDELITY MACH 3 getting a very good 2151 from 7 games at PORI (something of a graveyard for

Chess Computers as a rule!).
At the WIENER SCHACH-COMPUTER CLUB:-

MEPHISTO ACADEMY+TURBO 6 out of 7 for 2167 KASPAROV LEONARDO+TURBO 3 1/2 out of 9 for 1974.

In the BARBICAN OPEN Action Chess, January 1989 NOVAG SUPER EXPERT/6 got 4 from 6 and a 2103 grade.

At VOLMAC: -

MEPHISTO MEGA 4 graded 2004 from 14 games MEPHISTO ROMA 16 1929 from 14

NOVAS EXPERT/5 1725 also from 14.

In the KING'S HEAD Action Chess recently 2 of the new NOVAG SUPER EXPERT programmes scored 4 and 5 out of 6

respectively. The leading NOVAG missed 1= placing by just a 1/2 point and graded at around 2300! The second had a strange Bishop sacrifice bug as White yet still scored 4 after getting 3/3 with Black!

The NOVAG SUPER FORTE also won a Blitz Tournament in ZARAGOZA, SPAIN recently. Though the opposition wasn't so strong, you can't argue with a score of 13½ from 14! An Action Chess Tournament in FRANCE saw 4 Computers all

score well over 8 games:-MEPH ALMERIA 32 2303

NOV SUPER EXPERT/6 2275 FID NACH 4 2261

FID NACH 4 2261 FID NACH 3 2064

My conclusion is that the leading Chess Computers continue to progress rather well! I have games from some of these Tournaments and will share some of them with you in NS23.

What about a 'PROPER' News Sheet?!

Good question!

I am sure Readers will understand the delay behind this present Issue which is due to my move. Getting these things worked out with the various decisions that need to be made, then house-hunting with the subsequent upheaval of removing are never as simple as we might like to think. So the next NEWS SHEET will be out AS SOON AS WE'VE HAD CHANCE TO SETTLE IN! A first obligation is to Countrywide of course to become valuably involved as quickly as possible. The house we have found is to be rented accommodation, probably just for 12 months whilst we find somewhere more permanent. We shall want to make ourselves as much 'at home' as we can, and that too takes time and effort. Chris and I will also want to become involved with a local Church in the same way as we had in Wallingford with various preaching opportunities etc. But I am optimistic that the present effort will keep you happy for at least a little while with a further 12-page NEWS SHEET coming out in, say, 6 or 7 weeks and then continuing as 'regularly' (?!?) as in the past... i.e. every 2 or 3 months.

I hope that's agreeable to everybody. I am always conscious of an obligation to those whose financial support for the NEWS SHEET over the years has been particularly helpful so you can be sure that I'll do the best I can!

Pergamon Chess - COMPUTER CHESS SURVEY

I don't really enjoy grumbling about things. Firstly it just is not my basic nature and I like to feel that I encourage folk rather than anything else. Also I have learned how hard I sometimes find it to take probably well-meant "constructive criticism" when it is giving a thumbs-down to work I've spent literally ages on. However I have to say I was disappointed by the content of the CHESS COMPUTER SURVEY in Pergamon Chess' April Issue.

I didn't like the COMPARISON CHART at all. Because it listed machines in ascending price order it resulted in the cheapest machines appearing at the top whilst the best ones came near the bottom. Ordered Lists are very powerful things and it is usual to put the BEST at the TOP. The Price/Playing Strength "Evaluation" was very misleading. Though the writer of the Article may not like wood, auto-sensory Boards, MOST people definitely prefer them. Inevitably they are dearer, of course, so they consequently appear lower down on the COMPARISON CHART and get a much poorer "EVALUATION". This is simply not right! In any case my experience is that almost all purchasers are interested in QUALITY and FEATURES as well as PLAYING STRENGTH and they take these fully into consideration in deciding what is VALUE FOR MONEY for them. For every person for whom Strength is the main criterion there is another who is after best Features and another whose concern is for Quality, yes and Appearance! A CHART which divides Strength by Price CAN result in POOR Quality Machine with NOMINAL Features getting a MUCH higher "Evaluation" than it deserves. So the COMPARISON CHART was NOT a true COMPARISON CHART at all, but a STRENGTH/PRICE COMPARISON CHART. A TRUE Comparison Chart would need to be based on much more Information. SCHACH & SPIELE do such a Chart twice a year. Even then some folk are not SO keen on it as it involves SUBJECTIVE opinion dependant on which FEATURES each Panellist happens to prefer, and which STYLE of Board etc. But at least it INCLUDES a fuller range of ALL these important matters and it is (to me) notable that NONE of ITS TOP 5 appear very high on the STRENGTH/PRICE alone basis. In fact I rarely complete the forms sent for my "expert" opinion as they usually list machines I haven't had the chance to try out personally. To complete estimates for Features, Quality, Appearance, Reliability etc when you haven't actually seen some of the Machines is hardly right, so I prefer to miss out.

I DO believe a RATING LIST is of value — it is a mathematical statement based on factual results and not a matter of opinion. (I also think the "arcane, detailed, totally useless charts" are very helpful as well. If they're not, why is it that our customers are always asking for them?). I am not happy that my Rating List should have any additional formulas applied to it to create a new type of list (nor new Ratings supplied for Machines which are neither on my Rating List nor, in 2 or 3 cases, even due out for a month or two!). However I shall end and rest my case (for this Issue at least) on the BUYING RECOMMENDATION of "COMPUTACHESS"! Rather than a 'best buy', I would have always considered it a WORST buy!... no matter WHO the prospective purchaser. It would not be, for me, even remotely a 'best buy' for a reader of Beano or Dandy, never mind of Pergamon Chess. It is extremely plastic, the playing surface tends to curl up at the edges, the press-sensory system is poor, the LEDs small, there are no features (even Hint, Take-Back and Verify are non-existent, so how it can even start to help a beginner I've no idea.) And it can't play Chess! Give it the first moves of Fool's Mate with only the last to find — put it on its TOP Level — and it still can't do it! I hope there aren't too many people who've—spent previous money on it following this dreaded Buying Recommendation. They'll be very disappointed and perhaps put off Chess Computers for a long time to come (as they'll think "If that's Pergamon CHESS' 'BEST Buy', what on earth can the others be like?").

What do other readers think?

COMPUTER CHESS REPORTS

Much better news here! Virtually unqualified support for a fine Publication. A proper review in the next Issue or, if you can't wait (and I wouldn't blame you!) write to COMPUTER CHESS REPORTS, P.O. Box 474, Merrick, New York 11566. Unfortunately there's no price shown on this Issue and, as I get mine free as a Contributing Editor (!), I can't tell you how much to send. I would guess at \$10 to cover postage, but if you did get a rude reply asking for more, please don't think too badly of me!

NEWS from the MANUFACTURERS

NOVAG reports a new improved range of lower priced Machines of good playing-standard and features, all now with memory-save. The Piccolo (portable) and Allegro machines are replaced by the stronger SECONDO and ALLEGRO 4 respectively. PRIMO now has the nicely improved SUPREMO and the V.I.P Portable is receiving even more extensive treatment through the SUPER V.I.P. a 48K programme with TV port and link-up to optional Board. Work continues on the SUPER EXPERT/FORTE programme. According to Larry Kaufman an 8MHz version of the latest Programme is looking very good and this could be commercially available within a couple of months. Whether the Upgrade will enable existing owners to go to 8MHz - and what the cost might be - I don't know yet. But Paul Cohen at Eureka wrote me most helpfully and I should be able to let Readers have full details in NS23. What is promised is a 100 Elo leap!

FIDELITY has the MACH 4 32 bit version of the MACH 3 due out virtually immediately. This runs at 20MHz and so achieves a speed of actually $2^4/_2$ times that of the MACH 3! In the plastic Board it will be £1299; the ELITE, due out mid-summer, will be around £1499. This will clearly compete with the ALMERIA 32 for top-spot on the RATING LIST.

MEPHISTO has the ACADEMY now out at £399. A fully auto-sensory wooden Board (exactly as MONTE CARLO) but with a clearly improved MEGA 4 programme in it including a good Opening Book 6 times as big as MEGA's and improved Chess knowledge. Excellent Display and range of Features and soon to have an accompanying quality Teaching Booklet designed to help even strong players improve their Chess in conjunction with the ACADEMY!

The MEPHISTO EUROPA already has an accompanying 100 page Booklet designed to help the owner use his EUROPA to learn the game and then improve to a good standard. The MEPHISTO COLLEGE (also known in the U.S.A as SUPER MONDIAL II) will be out soon with similar features to the ACADEMY, with Booklet etc, but at a cheaper price on a Press Sensory Board. The very wide range of Levels on these Machines enable each owner to get maximum value from his Computer and make full use of it to really learn the game properly. The only limitation is at top strength, so the EUROPA for example would not suit an already genuinely strong player in the same way COLLEGE and ACADEMY would.

hope to have the RENAISSANCE available in July. This will be the improved LEONARDO/GALILEO Board with SAITEK/KASPAROV LEDs on every square and will carry the latest and strongest version of the various MAESTRO and ANALYST programmes. The CONQUISTADOR and CORONA are already out and I will report on these as soon as I have sufficient information.

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SID SAMOLE interviewed at WORLD CHAMPS Goran Grottling interviewed Sid Samole when they met at the 1988 WORLD MICRO CHAMPS and kindly sent me an English translation of their conversation. There's no room for it here so I'll try to keep space open in NS23.

RESULTS from NS READERS

FID MACH 2C v KASP STRATOS, 51/2-21/2 (Gutteridge) At 3 mins (Tony Leach): NOV SUPER FORTÉ/6N v MEPH MOND/DALLAS XL, 8-13 NOV SUPER FORTE/6VS v MEPH MOND/DALLAS XL, 71/2-151/2 Action Chess (also Tony Leach): NOV SUPER FORTE/6N v MEPH MOND/DALLAS XL, 71/2-101/2 NOV SUPER FORTE/6VS v MEPH MONDIAL DALLAS XL, 8-10

MEPH ACADEMY v

FID MACH 20, 4-2

(my tests)

KASP SIMULTANO, 21/2-11/2 NOV SUPER EXPERT/6N, 31/2-1/2

MEPH ALMERIA 32, 1-3

MEPH ALMERIA 32 v FID MACH 2C, $3^{1}/z^{-1}/2$ MEPH MEGA 4, $16^{1}/2$ - $8^{1}/2$

(my tests)

KASP SIMULTANO, 17-1 FIDELITY MACH 3, 4-2 NOV SUPER EXPERT/6, 22-6 MEPH ROMA 16, 7-1

MEPH ACADEMY (3 ply) v FID MACH 3, 5-3 MEPH ACADEMY (4 ply) v FID MACH 3, 4-8 (Above from Keith Kitson who also currently has MEPH ALMERIA 32 v FID MACH 3, 211/2-81/2) Re the remarks above for the ACADEMY, viz "3 ply" and "4 ply", you can actually choose the Depth of Selectiveness from 0 ply through to 8 ply. The machine is set at 3 ply but Larry Kaufman (Computer Chess Reports) believes that, at 3 mins p.m., the ACADEMY is stronger on 4 ply. Keith's result so far supports Mephisto's own setting of 3 ply. MEPH ALMERIA 32 v FID MACH 3, 22-8 (J Blandford) MEPH ALMERIA 32 v FID MACH 3, 41/231/2 (R Skrine) MEPH ALMERIA 32 v NOV SUPER FORTE/6VS, 171/2-1/2 (C Palmer)

ADVERT!

Looking for a good home, a NOVAG FORTE B new and virtually unused for £200 or near offer and CONCHESS with PLYMATE 5.5MHz Module (don't know which Board) but also as new £300 or near offer. Or SELL BOTH TOGETHER £400. Apply to:- Keith Bridges, 26 Coal Hill Green, Bramley, Leeds LS13 1DR. Tel 0532 555089

RESULTS from Sweden, USA etc

The ones which Readers will be particularly keen to know about are those involving newer Machines. Here is a selection of same from the latest Results in from Sweden:-

MEPH ALMERIA 32 v FID MACH 3, 8-5

MEPHISTO MM4, $12^{1}/_{2}-7^{1}/_{2}$ PSION ATARI, $17^{1}/_{2}-2^{1}/_{2}$ FID AVANT GARDE, 18-2

FIDELITY MACH 4 v MEPH ALMERIA 16, 11-9 MEPH ROMA 32, 13-7

MEPH DALLAS 32, 3-2 MEPH ALMERIA 16 v FID MACH 3, 61/2-21/2 MEPH ROMA 16, 41/2-11/2 MEPH ACADEMY, 8-6 MEPHISTO MM4, 9-2 PSION ATARI, 16¹/₂-4¹/₂ NOV SUPER EXPERT/5, 14¹/₂-5¹/₂ FID PAR EXCELLENCE, 81/2-11/2

KASP STRATOS, $15^{1}/_{2}-4^{1}/_{2}$ CONCHESS PLYMATE/5.5, $10^{4}/_{2}-1^{1}/_{2}$ FIDELITY MACH 3 V MEPH ROMA 32, 17 /2-17 /2

MEPH DALLAS 32, 9 /2-10 /2

MEPH ACADEMY, 17 /2-11 /2 FID MACH 2C, 11-4 MEPH AMSTERDAM, 2-2 MEPH MEGA 4, 10-11 MEPH MM4, 12-8 CXG SPHINX, 12-9 PSION ATARI, 20-3

MEPH ACADEMY v MEPHISTO MM4, 5-3

NOV SUPER EXPERT/5, 151/2-81/2 CONCHESS PLYMATE/5.5, 131/2-61/2 FID EXCELLENCE/4, 161/2-31/2

CXG SPHINX v

MEPH ROMA 16, 8-13 FID MACH 2C, 7-13 MEPH AMSTERDAM, 2-3 MEPH MEGA 4, 9-11 MEPH NM4, 9-11 PSION ATARI, 10-10 FID AVANT GARDE, 12-8 MEPH REBELL, 4-4 FID SENSORY 12, 17-3 CONCHESS/2, 15-5

A small group of others:-NOV SUPER FORTE/N V KASP STRATOS, 141/2-151/2 NOV SUPER FORTE/VS v KASP STRATOS, 19-11 (2 mins p.m. G Banks, New Zealand) FIDELITY CLUB B v KASP STRATOS, 81/2-111/2 (Schach & Spiele) In a TRIANGULAR TOURNAMENT in SPAIN:-1 min p.m. 1 FIDELITY MACH 3 2= MEPHISTO MM4 2= NOV SUPER FORTE/5 5 The "Top 4" in the latest SCHACH & SPIELE "Hit Parade"

(referred to elsewhere in NS) were:-1= Saitek SIMULTANO, 8.20 points 1= Mephisto ACADEMY, 8.20 points 3 Mephisto COLLEGE, 7.90 points 4 Novag SUPER FORTE, 7.88 points

RATING LISTS.

As usual, my notes for newcomers:-

/5 after a machine indicates its processor SPEED - some programmes are available with different processors, so this helps distinguish between them.

+/- shows the maximum rating DEVIATION likely for that machine. It is 95% certain that its Rating will stay within its +/- range. Thus the more games played, the more reliable the Rating... and vice-versa!

Human Games Column repeats Info. from the vs HUMANS List. These figures are used to adjust the OVERALL LEVEL of the RATING LIST as well as each SPECIFIC machine's own Rating. Some (other!) people feel that the vs HUMANS List is more useful than my MAIN one which includes BOTH the Computer v Human AND Computer v Computer Results.

* after a Machine in the vs HUMANS List indicates that it's HOT COMMERCIALLY available in that form as far as I know. If it comes onto the market, the '*' will be removed. This applies particularly to the "+TURBO" machines which are often heavily boosted EXPERIMENTAL versions.

To	COMPUTER RATINGS VS HUMAN COMPUTER RATINGS VS HUMAN COMPUTER COMPU	NS, Apri	1 1989 Games) : Por	
20	1 FID MACH 4 32	2211	50	1 05	
200	MEPH ALMERIA 32	2198	34	ż	
19:	1 FID MACH 3	2125	145	2	
190) MEPH MM4+TURBO*	2123	36	Δ	
190	MEPH MEGA 4+TURBO*	2120	87	5	
190	NOVAG SUPERS+TURBO*	2116	33	6	
188	MEPH ACADEMY+TURBO*	2102	59	7	
186	MEPH DALLAS 32	2090	197	Ŕ	
186	MEPHISTO COLLEGE	2084	8	9	
185	MEPH ACADEMY	2080	20	10	
185	MEPH AMSTERDAM	2077	182	11	
184	NUV EXPERT+TURBO*	2072	78	12	
184	FID MASIER MACH 2C+	2071	126	13	
107	NOU EXPENTAGE	2063	156	14	
100	MEDU MOND/DALLAG VI	2062	62	15	
182	MOU CHOCK EVE-CORTE	2008	68	16	
182	CUNCHESS DI ANTE VA	2007	118	1/	
181	NOV EXPERTA	2033	27	18	
180	MEPH ROMA 32	2040	54	77	
180	MEPH MM4/5	2037	70	20	
179	NOV SUPER EXP-FORTE/8*	2035	74	22	
179	PSION ATARI/IBM	2033	24	25	
178	KASP GAL ANALYST/8	2026	98	24	
178	KASP GALILED+TURBO*	2022	49	25	
176	MEPH DALLAS 16	2010	50	26	
175	MEPH MM4/8*	2001	7	27	
175	MEPH SUPER MONDIAL	2000	6	28	
1/5	KASP GAL MAESTRO/4	2000	6	29	
174	NUV EXPERT/4	1994	43	30	
177	NOU CORTE D	1988	6	31	
172	MEDI DUMV 17	1982	207	32 -	
172	FID MASTER MACH OR	1979	20	33 74	
172	SCI TURBO KASP/A	1977	Z3 52	34 75	
172	NOV SUPER EXPERT ORTS	1973	22	27	
171	MEPH EXCL S/12	1969	27	30	
170	CONCHESS/4	1958	23	38	
169	CONCH PLYMATE/5.5	1952	55	39	
169	MEPH REBELL	1950	46	40	
168	NOV FORTE A	1945	124	41	
168	FID PAR E/8*	1944	55	42	
16/	FID PAR E/ELITE 2100	1938	210	43	
16/	CAD SPHINA	1934	112	44	
144	CCT THORO MACO //*	1928	35	45	
164	VACO THOON VINC	1926	12	46	
164	SCI THRROTAR 472	1914	61	47	
162	FID EXCELLENCE/3	1007	W.T.	40 40	
161	NOV CONST/3.6	1884	17	77 50	
160	KASP GAL MAESTRO/6	1883	123	51	
160	FID ELEGANCE	1882	40	52	
160	FID ELITE C	1881	iĭ	53	
160	FID 68000 CLUB B	1880	7	54	
160	NOV SUPER CONST	1878	254	55	

				(40)
RAT BCF	ING LIST April 1989 COM Computer	MERCIAL Flo +/-	- Rames Pos	Human/Games
209	MEPH ALMERIA 32	2269 23	399 1	2198 34
199	MEPH ALMERIA 16	2226 35	174 2 298 3	2211 59
196	MEPH ROMA 32	2171 17	762 4	2037 56
193	MEPH DALLAS 32	2154 15 2144 15	1314 5 972 6	1 2125 165
189	MEPH DALLAS 16	2108 13	1362 7	2010 50
188	MEPH ACADEMY MEPH ROMA 16	2102 29 2094 12	261 8 1384 9	2080 20 1979 50
187	MEPH MOND/DALLAS XL	2093 23	416 10	2058 68
183	MEPHISTO COLLEGE	2069 11	1/44 11 59 12	2071 126 2084 8
183	MEPH MEGA 4	2063 13	1262 13	2063 156
180	FID MASTER MACH 2B	2040 10	2206 14 301 15	1978 25
179	MEPH MM4/5	2029 11	1782 16	2036 78
176	PSION ATARI/IBM	2008 14	1101 18	2037 118
175	CONCH PLY VICTORIA	2003 69	46 19	1858 8
174	KASP GAL ANALYST/B	1995 28	272 21	2026 98
173 172	FID MASTER MACH 2A NOV SUPER EXP-FORTE/5	1983 26 1978 14	330 22 1155 23	1928 35
171	CXG SPHINX	1967 20	543 24	1934 112
1/1	NUV EXPERI/6 FID 68000 CLUB B	1965 31 1964 13	222 25 1267 26	1 2046 22 1 1880 7
170	NOV EXPERT/5	1958 30	247 27	2062 62
168	FID AVANT GARDE/5 KASP STRATOS	1947 12 1945 14	1545 28 1106 29	1875 77
168	NOV FORTE B	1944 11	1797 30	1982 207
168	MEPH REBELL	1943 10 1940 12	2154 31 1461 32	1938 210 1950 46
166	NOV FORTE A	1931 10	2020 33	1945 124
165	CONCH PLYMATE/5.5	1929 25	338 34 1455 35	1973 22 1952 55
165	KASP GAL MAESTRO/6	1920 15	934 36	1883 123
164	MEPH SUPER MONDIAL	1913 15	920 38	2000 6
163	NOV EXPERT/4 KASP TURBO KING	1904 16 1901 42	853 39 125 40	1994 43
162	FID EXCELLENCE/4	1899 13	1286 41	1714 60
162	KASP SIMULTANO	1897 47 1897 41	98 42 1 126 43	2204 1
162	CONCHESS PLYMATE/4	1895 24	362 44 1	2053 6
160	MEPH MM2	1876 19	585 46	1712 7
159	PSIUN 1/8 FID ELEGANCE	1875 44	111 47 1	1002 40
159	SCI TURBOSTAR 432	1875 13	1294 49	1909 61
158	FID ELITE C	18/4 13 1860 37	1313 50 1	1893 46 1881 11
156	CONCHESS/4	1846 21	504 52	1958 23
155	FID EXCEL DISPLAY/3	1839 40	135 54 (18/8 254
154 150	MEPH BLITZ MEPH FURNPA / MARCA PALA	1829 28	276 55	1988 6
149	FID ELITE A	1795 41	131 57	1789 20
148 148	MEPH EXUL S/12 SCI SUPERSTAR 36K	1785 32 1781 16	212 58 1 819 59 1	1969 27
147	FID PRESTIGE	1779 18	695 60	1768 131
146	NOV QUATTRO	17/5 15	585 62 1	1820 /
145	CONCHESS/2	1762 16	883 63	1800 11
145	PSION QL	1760 56	70 65	
144 144	CHESSMASTER 2000	1755 30	239 66 1	100/ 17
144	SARGON 4	1752 53	78 48	1004 17
143 140	SARGON 3	1743 63 1719 68	54 69 1	
139	MEPH MONDIAL	1713 31	225 71	
138 138	COLOSSUS 4	1705 39 1705 31	139 /2 219 73	1866 5 1620 2
136	NOV-CONST/2	1690 13	1223 74	1745 37
134	COLOSSUS 10	1670 79	761 /5 35 76	1646 11
126 125	FID SENSORY 9	1610 16	869 77	1661 59
123	GGM + STEINITZ	1583 28	285 79	
123 120	CHESS 2001 MEPH 3	1581 52 1563 20	80 B0 1	
120	ING LIST April 1989 COP Computer MEPH ALMERIA 32 FID MACH 4 32 MEPH ALMERIA 16 MEPH ROMA 32 FID MACH 3 MEPH DALLAS 32 MEPH DALLAS 32 MEPH DALLAS 16 MEPH ACADEMY MEPH ROMA 16 MEPH MOND/DALLAS XL FID MASTER MACH 2C+ MEPH MEGA 4 MEPH MEGA 4 MEPH MEGA 4 MEPH AMSTERDAM FID MASTER MACH 2B MEPH MM4/5 NOV SUPER EXP-FORTE/6 PSION ATARI/IBM CONCH PLY VICTORIA MEPH MONTE CARLO KASP GAL ANALYST/B FID MASTER MACH 2A NOV SUPER EXP-FORTE/5 CXG SPHINX NOV EXPERT/6 FID 68000 CLUB B NOV EXPERT/5 FID AVANT GARDE/5 KASP STRATOS NOV FORTE A NOV FORTE A NOV SUPER EXPERT ORIG CONCH PLYMATE/5.5 KASP GAL MAESTRO/6 KASP GAL MAESTRO/4 MEPH SUPER MONDIAL NOV EXPERT/4 KASP TURBO KING FID EXCELLENCE/4 CONCHESS/6 KASP SIMULTANO CONCHESS PLYMATE/4 SCI TURBO KASP/4 MEPH MM2 PSION 1/8 FID ELEGANCE SCI TURBOSTAR 432 FID EXCELLENCE/3 FID EXCELLENCE/3 FID EXCELLENCE/3 FID EXCELLENCE/3 FID EXCELLENCE/3 FID EXCELLENCE/3 FID ELITE C CONCHESS/4 NOV SUPER CONST FID ELITE C CONCHESS/4 NOV SUPER CONST FID EXCELLENCE/3 FID EXCELLENCE/3 FID EXCELLENCE/3 FID ELITE C CONCHESS/4 NOV PRIMO/VIP PSION 1/8 FID ELITE A MEPH BLITZ MEPH B	1563 64	52 82	
120	MEPH 2	1562 30 1557 20	242 83 1 555 84 1	1736 25